

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030922\
 Data File : BN018893.D
 Acq On : 09 Mar 2022 20:21
 Operator : CG/JU
 Sample : PB143227BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :

BNA_N

ClientSampleId :

SLCS227

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/10/2022

Supervised By :Yogesh Patel 03/11/2022

Quant Time: Mar 10 01:38:25 2022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN030822.M

Quant Title : SVOA CALIBRATION

QLast Update : Tue Mar 08 14:15:20 2022

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	140860	20.000	ng/u1	0.00
20) Naphthalene-d8	10.710	136	672606	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.540	164	465473	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.281	188	988446	20.000	ng/u1	0.00
79) Chrysene-d12	21.451	240	1051814	20.000	ng/u1	0.00
88) Perylene-d12	23.851	264	1152304	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.270	96	18246	5.181	ng/uL	0.00
4) Pyridine-d5	3.687	84	262206	24.331	ng/u1	0.00
7) Phenol-d5	7.058	99	389769	28.342	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.228	67	234058	28.257	ng/u1	0.00
11) 2-Chlorophenol-d4	7.434	132	281864	28.600	ng/u1	0.00
15) 4-Methylphenol-d8	8.611	113	321490	28.750	ng/u1	0.00
21) Nitrobenzene-d5	9.063	128	144535	27.975	ng/u1	0.00
24) 2-Nitrophenol-d4	9.787	143	166195	29.278	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.328	165	313290	28.853	ng/u1	0.00
31) 4-Chloroaniline-d4	10.840	131	385016	23.548	ng/u1	0.00
46) Dimethylphthalate-d6	13.946	166	1018786	28.908	ng/u1	0.00
49) Acenaphthylene-d8	14.234	160	1256520	28.644	ng/u1	0.00
54) 4-Nitrophenol-d4	14.722	143	209993	29.423	ng/u1	0.00
60) Fluorene-d10	15.528	176	886755	28.947	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.645	200	187418	30.595	ng/u1	0.00
73) Anthracene-d10	17.375	188	1432206	30.293	ng/u1	0.00
81) Pyrene-d10	19.669	212	1754173	30.818	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.698	264	1873144	31.190	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.305	88	36734	9.609	ng/uL	96
5) Pyridine	3.711	79	273867	24.641	ng/u1	100
6) Benzaldehyde	7.028	77	229734	32.803	ng/u1	97
8) Phenol	7.081	94	390151	27.116	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.316	93	296361	26.702	ng/u1	98
12) 2-Chlorophenol	7.464	128	286277	27.393	ng/u1	97
13) 2-Methylphenol	8.340	108	288911	26.896	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.434	45	430330	27.159	ng/u1	99
16) Acetophenone	8.722	105	469839	27.112	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.711	70	247130	27.982	ng/u1	100
18) 4-Methylphenol	8.669	108	325847	27.125	ng/u1	94
19) Hexachloroethane	8.993	117	108817	26.686	ng/u1	97
22) Nitrobenzene	9.105	77	356487	26.587	ng/u1	99
23) Isophorone	9.628	82	687388	26.825	ng/u1	99
25) 2-Nitrophenol	9.822	139	172486	27.341	ng/u1	99
26) 2,4-Dimethylphenol	9.875	107	368121	26.866	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.116	93	426697	26.379	ng/u1	99
29) 2,4-Dichlorophenol	10.357	162	296690	26.856	ng/u1	99
30) Naphthalene	10.763	128	975984	26.331	ng/u1	99
32) 4-Chloroaniline	10.863	127	371282	21.886	ng/u1	99
33) Hexachlorobutadiene	11.057	225	179670	25.887	ng/u1	97
34) Caprolactam	11.604	113	110848m	27.591	ng/u1	
35) 4-Chloro-3-methylphenol	11.987	107	359895	27.818	ng/u1	99
36) 2-Methylnaphthalene	12.369	142	693316	26.605	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.587	142	713413	26.510	ng/ul	94
39) 1,2,4,5-Tetrachloroben...	12.740	216	367658	25.834	ng/ul	100
40) Hexachlorocyclopentadiene	12.728	237	211159	25.255	ng/ul	98
41) 2,4,6-Trichlorophenol	12.975	196	245881	26.727	ng/ul	99
42) 2,4,5-Trichlorophenol	13.046	196	275817	27.143	ng/ul	95
43) 1,1'-Biphenyl	13.375	154	965304	26.385	ng/ul	98
44) 2-Chloronaphthalene	13.416	162	733977	26.051	ng/ul	98
45) 2-Nitroaniline	13.610	65	241686	28.782	ng/ul	99
47) Dimethylphthalate	13.993	163	995088	27.539	ng/ul	99
48) 2,6-Dinitrotoluene	14.110	165	201257	29.067	ng/ul	93
50) Acenaphthylene	14.263	152	1232546	26.866	ng/ul	97
51) 3-Nitroaniline	14.434	138	193435	28.841	ng/ul	95
52) Acenaphthene	14.604	153	786583	26.192	ng/ul	98
53) 2,4-Dinitrophenol	14.640	184	111264	25.136	ng/ul	97
55) 4-Nitrophenol	14.734	109	170160	27.689	ng/ul	99
56) Dibenzofuran	14.934	168	1160144	26.743	ng/ul	98
57) 2,4-Dinitrotoluene	14.893	165	304766	29.244	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.163	232	236750	28.326	ng/ul	96
59) Diethylphthalate	15.351	149	996239	27.702	ng/ul	98
61) Fluorene	15.587	166	904180	26.473	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.575	204	455700	27.085	ng/ul	99
63) 4-Nitroaniline	15.592	138	217574	34.838	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.657	198	179981	28.835	ng/ul	97
67) N-Nitrosodiphenylamine	15.787	169	829192	28.133	ng/ul	99
68) 4-Bromophenyl-phenylether	16.469	248	282772	27.753	ng/ul	97
69) Hexachlorobenzene	16.592	284	331343	28.362	ng/ul	97
70) Atrazine	16.734	200	315277	28.549	ng/ul	98
71) Pentachlorophenol	16.928	266	199423	27.397	ng/ul	99
72) Phenanthrene	17.322	178	1571980	27.916	ng/ul	99
74) Anthracene	17.410	178	1595590	28.415	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.346	216	397160	25.984	ng/ul	99
76) Pentachlorobenzene	14.863	250	386215	27.926	ng/ul	97
77) Carbazole	17.675	167	1470761	29.007	ng/ul	98
78) Di-n-butylphthalate	18.245	149	1687120	29.608	ng/ul	98
80) Fluoranthene	19.333	202	1928088	28.615	ng/ul	100
82) Pyrene	19.698	202	2007416	29.164	ng/ul	100
83) Butylbenzylphthalate	20.586	149	812292	30.998	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.369	252	614614	26.965	ng/ul	97
85) Benzo(a)anthracene	21.439	228	2014979	28.353	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.369	149	1195353	30.313	ng/ul	99
87) Chrysene	21.492	228	1981966	28.800	ng/ul	98
89) Di-n-octyl phthalate	22.286	149	2163884	29.965	ng/ul	100
90) Benzo(b)fluoranthene	23.122	252	2148153	27.558	ng/ul	98
91) Benzo(k)fluoranthene	23.169	252	2081720	28.778	ng/ul	97
93) Benzo(a)pyrene	23.745	252	2157482	28.592	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.333	276	2489866	29.789	ng/ul	99
95) Dibenzo(a,h)anthracene	26.345	278	2107303	28.438	ng/ul	97
96) Benzo(g,h,i)perylene	27.098	276	2113356	28.417	ng/ul	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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